CLAIMS:

- 1. A process for preparing (+)duloxetine, or an acid addition salt thereof, which process comprises:
 - (i) resolving racemic (±)duloxetine with a chiral acid so as to obtain a salt of the chiral acid and (+)duloxetine, substantially free of (-)duloxetine; and
 - (ii) if desired, converting the salt prepared in step (i) to the free base or a further acid addition salt.
- 2. A process according to claim 1, wherein the chiral acid is selected from the group consisting of mandelic acid, tartaric acid, di-p-toluyl tartaric acid, dibenzoyl tartaric acid and camphor sulfonic acid.
- 3. A process according to claim 2, wherein the chiral acid is di-p-toluyl tartaric acid.
- 4. A process according to any of claims 1 to 3, wherein step (ii) comprises reacting a salt prepared in (i) with hydrochloric acid to yield (+)duloxetine hydrochloride.
- 5. A process for preparing (+)duloxetine hydrochloride, which process comprises:
 - (i) resolving racemic (±)duloxetine with di-p-toluyl tartaric acid so as to obtain (+)duloxetine di-p-toluyl tartrate, substantially free of (-)duloxetine; and
 - (ii) converting (+)duloxetine di-p-toluyl tartrate prepared in step (i) to (+)duloxetine hydrochloride.
- 6. A process which comprises:

- (i) resolving racemic (±)duloxetine with a chiral acid in a process according to any of claims 1 to 5, and obtaining a mother liquor enriched in (-)duloxetine;
- (ii) converting (-)duloxetine obtained from step (i) to (±)duloxetine; and
- (iii) if desired, employing (±)duloxetine obtained from step (ii) in a process according to any of claims 1 to 5.
- 7. A process for making (+)duloxetine or an acid addition salt thereof, comprising reacting intermediate compounds of formulae (I) and (II) so as to yield a compound of formula (III), or an acid addition salt thereof:

in the presence of a base and a phase transfer catalyst, where one of X and Y is hydroxy and the other is a leaving group, and subjecting a compound of formula (III), or an acid addition salt thereof, to further process steps so as to yield (+) duloxetine, or an acid addition salt thereof, substantially free of (-)duloxetine.

8. A process for making (+)duloxetine or an acid addition salt thereof, comprising reacting intermediate compounds of formulae (Ia) and (II) so as to yield a compound of formula (IIIa), or an acid addition salt thereof:

in the presence of a base and a phase transfer catalyst, where one of X and Y is hydroxy and the other is a leaving group, and subjecting a compound of formula (IIIa), or an acid addition

salt thereof, to further process steps so as to yield (+) duloxetine, or an acid addition salt thereof, substantially free of (-)duloxetine.

- 9. A process according to claim 7 or 8, wherein an intermediate of formula (III) or (IIIa), or an acid addition salt thereof, is converted to (±)duloxetine, or (+)duloxetine respectively, by demethylating.
- 10. A process for making (+)duloxetine or an acid addition salt thereof, which comprises:
 - (i) reacting intermediate compounds of formulae (I) and (II) to yield an intermediate compound of formula (III), or an acid addition salt thereof,

in the presence of a base and a phase transfer catalyst;

- (ii) demethylating a compound of formula (III), or an acid addition salt, so as to yield (±)duloxetine; and
- (iii) converting (±)duloxetine obtained in step (ii) to (+)duloxetine, or an acid addition salt thereof, employing a process according to any of claims 1 to 5.
- 11. A process for making (+)duloxetine hydrochloride which comprises:
 - (i) reacting intermediate compounds of formulae (I) and (II), where X is hydroxy and Y is fluoro, followed by oxalic acid to yield an oxalate salt of intermediate compound of formula (III)

in the presence of a base and a phase transfer catalyst;



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- (ii) demethylating said intermediate compound of formula (III) obtained by step (i) so as to yield (±)duloxetine; and
- (iii) converting (±)duloxetine obtained in step (ii) to (+)duloxetine by resolving racemic (±)duloxetine with di-p-toluyl tartaric acid so as to obtain (+)duloxetine di-p-toluyl tartrate, substantially free of (-)duloxetine, and converting said (+)duloxetine di-p-toluyl tartrate to (+)duloxetine hydrochloride.
- 12. A process according to any of claims 7 to 11, wherein the base is selected from the group consisting of an alkali metal hydroxide, an alkali metal carbonate and an alkali metal bicarbonate.
- 13. A process according to claim 12, wherein the base is selected from the group consisting of potassium hydroxide, sodium hydroxide, potassium carbonate, sodium carbonate and sodium bicarbonate.
- 14. A process according to any of claims 7 to 13, where the phase transfer catalyst is selected form the group consisting of crown ethers, quaternary ammonium salts and phosphonium salts.
- 15. A process according to claims 7 to 10, wherein X is hydroxy and Y is a leaving group.
- 16. A process according to claim 15, wherein the leaving group is halo.
- 17. A process according to claim 16, wherein the leaving group is fluoro.
- 18. A salt of a chiral acid and (+)duloxetine, containing not more than 1% of (-)duloxetine.
- 19. A salt of a chiral acid and (+)duloxetine, substantially free of (-)duloxetine, selected from the group consisting of (+)duloxetine mandelate, (+)duloxetine tartrate, (+)duloxetine di-p-toluyl tartrate, (+)duloxetine dibenzoyl tartrate and (+)duloxetine camphor sulfonate.

- 20. (+)duloxetine di-p-toluyl tartrate, substantially free of (-)duloxetine.
- 21. (+)duloxetine, or an acid addition salt thereof, obtained by a process according to any of claims 1 to 17.
- 22. A pharmaceutical composition comprising (+)duloxetine, or an acid addition salt thereof, obtained by a process according to any of claims 1 to 17.